



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)



Bib Data Sheet

CONFIRMATION NO. 6190

SERIAL NUMBER 10/747,833	FILING DATE 12/29/2003 RULE	CLASS 323	GROUP ART UNIT 2838	ATTORNEY DOCKET NO. INSL.0089
-----------------------------	-----------------------------------	--------------	------------------------	-------------------------------------

## APPLICANTS

Matthew B. Harris, Durham, NC;

Michael M. Walters, Apex, NC;

## \*\* CONTINUING DATA \*\*\*\*\*

This appln claims benefit of 60/512,735 10/20/2003

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 04/16/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY NC	SHEETS DRAWING 4	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
Verified and Acknowledged Examiner's Signature	Initials				

## ADDRESS

27975  
 ALLEN, DYER, DOPPELT, MILBRATH & GILCHRIST P.A.  
 1401 CITRUS CENTER 255 SOUTH ORANGE AVENUE  
 P.O. BOX 3791  
 ORLANDO, FL  
 32802-3791

## TITLE

Clocked cascading current-mode regulator with high noise immunity and arbitrary phase count

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
RECEIVED		